



(19)

(11) Publication number: 0

Generated Document.

## PATENT ABSTRACTS OF JAPAN

(21) Application number: 01071776

(51) Intl. Cl.: C07D239/26

(22) Application date: 27.03.89

(30) Priority:	28.03.88 JP 63 71816	(71) Applicant: SHOWA SHELL SEKIY
(43) Date of application publication:	21.12.89	(72) Inventor: SUZUKI GIICHI HAGIWARA TAKASHI AIHARA YOSHIHIKO
(84) Designated contracting states:		(74) Representative:

**(54) LIQUID CRYSTAL  
SUBSTANCE HAVING  
HETEROCYCLIC  
SKELETON**

(57) Abstract:

**NEW MATERIAL:** A compound expressed by formula I (R1 and R2 are 1-20C alkyl; A and B are Ph, Cy, Ph-Cy or Cy-Ph or further A is Ph-Ph or Cy-Cy; Ph is formula V; Cy is formula VI; X is fluoroalkyl; Y and Z are OCO, COO, OCH2 or CH2O).

**EXAMPLE:** 4'-(5-Octylpyrimidinyl-2)-phenyl 4-(1-fluoromethylnonyloxy-carbonyl) benzoate.

**USE:** A chemically and photochemically stable liquid crystal substance, having great dielectric anisotropy, capable of providing a recognized liquid crystal phase assuming tristable state and exhibiting electroclinic effects and high-speed responsiveness with great spontaneous polarization and good

PREPARATION: 4-

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